## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

**CODE** CG6 **TYPE** **P4**

### COMPOSITION

| | | |
|---|---|---|
| Conveying surface | Material | Fabric with polyurethane (TPU) impregnation |
| | Thickness | --- mm --- *in.* |
| | Surface pattern | Fabric |
| | Colour | Green |
| | Coefficient of friction | LF |
| Textile carcass | Material | Polyamide (PA) |
| | Plies no. | --- |
| | Weft type | --- |
| Driving surface | Material | Fabric with synthetic elastomer (NBR) impregnation |
| | Thickness | --- mm --- *in.* |
| | Surface pattern | Smooth |
| | Colour | Green |

### TECHNICAL SPECIFICATIONS

| | | | |
|---|---|---|---|
| Total thickness | 3.40 mm | *0.13* | *in.* |
| Weight | 3.70 kg/m² | *0.75* | *lbs./sq.ft* |
| Elongation at 1% | 20 N/mm | *114.0* | *lbs./in.* |
| Max. admissible pull | 40 N/mm | *228.4* | *lbs./in.* |
| Temperature resistance (1) min. | 0 °C | *32* | *°F* |
| max. | 100 °C | *212* | *°F* |

(1) use of the belt with limit values may reduce its life

Minimum roller diameter (2)

| | | | |
|---|---|---|---|
| Knife edge | no | | |
| Bending roller | 200 mm | *7.9* | *in.* |
| Counter-bending roller | 400 mm | *15.8* | *in.* |

(2) The above mentioned values depend on the type of CHIORINO joint recommended

Coefficient of friction on driving surface

| | |
|---|---|
| Raw steel sheet | 0.60 [-] |
| Laminated plastic/wood | 0.50 [-] |
| Steel roller | 0.60 [-] |
| Rubberized roller | 0.70 [-] |

| | | | |
|---|---|---|---|
| Max. production width | 2000 mm | *79* | *in.* |

### SUITABLE FOR

Punchers

### FEATURES

| | |
|---|---|
| Humidity influence | yes |
| Suitable to metal detector | no |
| Permanent antistatic dynamically (UNI EN ISO 21179) | yes |
| Static conductivity (UNI EN ISO 284) | no |
| Conveying on skid bed | yes |
| Conveying on rollers | yes |
| Conveying on skid bed on top and return | yes |
| Troughed conveying | no |
| Swan neck conveying | no |
| Inclined conveying | no |
| Accumulators belts | yes |
| Curved conveyor | no |
| Chemical resistances link | 5 |

### COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

### NOTES

It is recommended to operate the blades over the entire belt width to avoid undesired weaving effects.

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**CONVEYOR AND PROCESS BELTS**

**JOINING DATA SHEET**

**CODE** CG6 **TYPE** **P4**

## • Recommended joining procedure

SKIVED JOINT '1'

Check our general catalogue to get further info on CHIORINO joining methods.

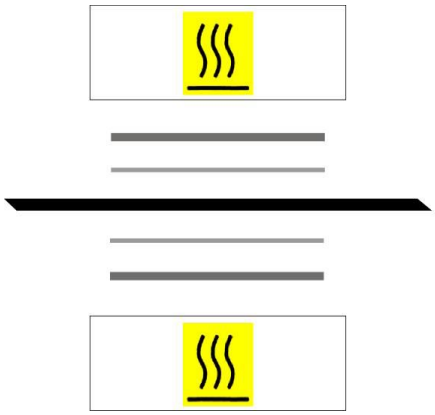
## • Skiving instructions

| Skiver | Belt thickness mm | Length mm | Straight/ diagonal cut | Cam/ wedge number | Pulley | | | | Top cover | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T mm | B mm | Thickness adjustment | End stop switch of working plate | T mm | B mm | Thickness adjustment | End stop switch of working plate |
| **B600 A** | 3,4 | 100 | Diagonal | 2-10 | 90 | 0 | 17,35 | --- | 90 | 1 | 16,95 | --- |
| **B300 SA** | 3,4 | 100 | Diagonal | 2-10 | 98 | 0 | 11-00 | --- | 98 | 1 | 10-16 | --- |

## • Guide to the use of adhesives

Apply the **K cement** on the polyamide part of the splices.
Let dry for 5 minutes, then match the belt ends, paying attention to align properly.
Press according to the instructions shown.
To ensure best joint life it is advisable not to run or tension the belt for 24 hours.

## • Layout of components



→ Upper heated platen

→ Upper synthetic plate

→ Glossy non-adhesive fabric (ML-58)

→ Belt

→ Glossy non-adhesive fabric (ML-58)

→ Lower synthetic plate

→ Lower heated platen

| Press settings | |
|---|---|
| Upper platen temperature | 110 °C |
| Lower platen temperature | 110 °C |
| Curing time in press | 20 min. |
| Driving torque | 30 |
| Cooling time: it is recommended to remove the belt from the press once a temperature of 60/70 degrees C is reached. | |

## • Notes

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